Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 17 Feb 2022 until 23:59 on Friday 18 Feb 2022

Forecast Issued on Thursday 17 Feb 2022 at 04:15

Confidence: High for windy and unsettled, particularly Friday, lowering for the detail of timing of poorest conditions.

Headline for Thursday 17 Feb 2022: Largely cloudy with snow showers. Initially strong summit winds.

Mountain weather hazards on Thursday 17 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Cloudy	Cloudy	Heavy snow showers	Light snow	Cloudy
Precipitation probability					
30%	20%	20%	70%	40%	10%

Forecast for Thursday 17 Feb 2022

Weather: Scattered light wintry showers at first, then showers becoming heavier and more frequent early to mid-afternoon. Snow level around 400m. Showers dying away early to mid-evening, while higher cloud feeds from the west towards midnight.

Chance of cloud-free hill tops above 600m: 80-90% for any given time, but falling to 30% with showers.

Low cloud and visibility: Very good becoming moderate to poor in showers, and to only a few metres in hill fog as cloud bases lower to 500m sporadically with showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 17 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/43 W	31/40 W	27/35 W	22/30 W	25/33 W	21/29 W	18/25 SW
300	26/35 W	25/35 W	21/31 W	16/23 W	17/26 W	13/21 W	11/18 SW
Valley	18/36 W	18/36 W	15/30 W	12/24 W	12/25 W	9/20 W	7/17 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	0/-8	1/-6	1/-6	1/-6	1/-6	1/-5
300	4/-2	3/-3	4/-1	3/-2	3/-2	3/-2	3/-1
Valley	4/-1	4/-1	5/1	4/-0	4/-0	3/0	3/0
Freezing Level*	600m	500m	600m	600m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Chance of gales for summits and exposed ridges at first. Significant windchill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 17 Feb 2022	19.2mm	27.4mm	42.4mm

Forecast for Friday 18 Feb 2022

Weather: Heavy rain and snow quickly arriving and clearing around or soon after dawn, then outbreaks of rain and snow following. Through the afternoon and evening wintry showers will arrive, these becoming locally heavy in the evening. Snow above 400m overnight and through the morning, quickly lowering to 300 metres through the afternoon.

Maximum wind: Changeable due to the centre of the low crossing close to the region, peaking at 45-50 gust 70 mph, mainly during the afternoon.

Chance of cloud-free hill tops above 600m: Zero becoming 60% through the afternoon then 40% in the evening.

Low cloud and visibility: Frequently falling moderate to very poor in showers and longer periods of snow and rain, and to only a few metres within hill fog.

Temperature: **Valleys:** Minus Zero becoming 5 Celsius during the afternoon
At 600m: Plus 2 Celsius lowering minus 2 Celsius
Freezing level: 700m lowering 400m

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